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ERCB ST 94-43

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JUL 26 1994



Alberta Oil Sands

Annual Statistics for 1993



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**Energy Resources Conservation Board
Annual Statistics Series ERCB 94-43**

Volume 11, June 1994

Published by:

**Energy Resources Conservation Board
640 - Fifth Avenue S.W.
Calgary, Alberta
T2P 3G4**

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Table of Contents

Annual 1993	Page
Supply and Disposition of	
Synthetic Crude Oil ¹	2
Other Hydrocarbons ²	4
Coke	6
Sulphur ³	8
Bitumen	10
Distillate ⁴	12

Historical 1967 - 1993

Oil Sands Mining and Processing	16
Supply and Disposition of	
Synthetic Crude Oil ¹	18
Other Hydrocarbons ²	20
Coke	22
Sulphur ³	24
Bitumen	26
Distillate ⁴	28

Note: Inquiries regarding this publication should be directed to the ERCB's Accounting Department, Statistics Section at (403) 297-2598.

Standard of Measurements

1. Grade: Mass per cent bitumen in oil sands.
2. Gas volume at 101.325 kPa and 15 ° C.
3. Liquid volume at 15 ° C.

¹ Synthetic crude oil production does not include naphtha production.

² Other hydrocarbons production includes light slop material.

³ Sulphur production includes flared/waste.

⁴ Distillate production does not include heavy fuel oil.



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**Annual
1993**

Synthetic Crude Oil (cubic metres)

	January	February	March	April	May
Suncor					
Opening Inventory	75 030.2	74 989.6	82 165.7	85 736.6	58 043.8
Production	185 421.7	306 596.5	336 849.2	274 923.7	87 203.6
	260 451.9	381 586.1	419 014.9	360 660.3	145 247.4
Closing Inventory	74 989.6	82 165.7	85 736.6	58 043.8	74 880.0
	185 462.3	299 420.4	333 278.3	302 616.5	70 367.4
Site Fuel / Use	5 338.3	3 458.5	3 672.3	3 825.3	3 907.0
Flared / Waste	0.0	0.0	0.0	0.0	0.0
Alberta Fuel	11 915.6	21 184.1	26 516.4	23 024.7	2 882.4
Metering Difference	647.1	154.2	(170.2)	1 387.8	(99.7)
Deliveries	167 561.3	274 623.6	303 259.8	274 378.7	63 677.7
	185 462.3	299 420.4	333 278.3	302 616.5	70 367.4

Syncrude

Opening Inventory	15 956	21 009	24 442	36 759	54 686
Production	805 418	576 468	714 557	755 563	1 068 383
	821 374	597 477	738 999	792 322	1 123 069
Closing Inventory	21 009	24 442	36 759	54 686	81 750
	800 365	573 035	702 240	737 636	1 041 319
Site Fuel / Use	6 277	6 389	8 329	6 537	6 782
Metering Difference	(9)	(6)	(22)	(32)	(49)
Deliveries	794 097	566 652	693 933	731 131	1 034 586
	800 365	573 035	702 240	737 636	1 041 319

June	July	August	September	October	November	December	1993
74 880.0	96 922.2	71 921.9	97 428.4	98 813.7	66 971.5	41 059.0	75 030.2
334 761.9	283 859.5	369 696.5	346 883.0	287 229.3	264 364.4	248 222.3	3 326 011.6
409 641.9	380 781.7	441 618.4	444 311.4	386 043.0	331 335.9	289 281.3	3 401 041.8
96 922.2	71 921.9	97 428.4	98 813.7	66 971.5	41 059.0	74 194.0	74 194.0
312 719.7	308 859.8	344 190.0	345 497.7	319 071.5	290 276.9	215 087.3	3 326 847.8
3 033.0	2 900.7	4 998.5	3 571.5	4 340.5	5 597.4	3 148.8	47 791.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18 263.9	25 454.5	29 186.0	29 952.0	27 805.3	29 030.7	11 772.2	256 987.8
673.5	(72.1)	(99.8)	(386.4)	(14.3)	979.7	209.4	3 209.2
290 749.3	280 576.7	310 105.3	312 360.6	286 940.0	254 669.1	199 956.9	3 018 859.0
312 719.7	308 859.8	344 190.0	345 497.7	319 071.5	290 276.9	215 087.3	3 326 847.8
81 750	67 384	44 896	41 956	60 391	28 114	21 630	15 956
989 240	1 015 417	946 435	858 327	1 013 935	940 535	1 051 579	10 735 857
1 070 990	1 082 801	991 331	900 283	1 074 326	968 649	1 073 209	10 751 813
67 384	44 896	41 956	60 391	28 114	21 630	16 623	16 623
1 003 606	1 037 905	949 375	839 892	1 046 212	947 019	1 056 586	10 735 190
8 624	6 272	8 335	6 866	7 566	7 486	5 684	85 147
26	40	5	(33)	58	12	9	(1)
994 956	1 031 593	941 035	833 059	1 038 588	939 521	1 050 893	10 650 044
1 003 606	1 037 905	949 375	839 892	1 046 212	947 019	1 056 586	10 735 190

Other Hydrocarbons (cubic metres)

	January	February	March	April	May
Suncor					
Diluent Naphtha					
Opening Inventory	45 602.4	49 817.1	47 301.2	40 605.2	38 035.8
Production	6 712.6	262.7	(3 492.4)	(852.6)	(738.8)
	52 315.0	50 079.8	43 808.8	39 752.6	37 297.0
Closing Inventory	49 817.1	47 301.2	40 605.2	38 035.8	36 063.7
	2 497.9	2 778.6	3 203.6	1 716.8	1 233.3
Flared / Waste	2 501.9	2 778.6	3 203.6	1 716.9	1 233.3
Metering Difference	(4.0)	0.0	0.0	(0.1)	0.0
	2 497.9	2 778.6	3 203.6	1 716.8	1 233.3

Syncrude

Diluent Naphtha

Opening Inventory	69 858	66 614	72 075	75 672	72 682
Production	846	7 897	7 497	458	(1 731)
	70 704	74 511	79 572	76 130	70 951
Closing Inventory	66 614	72 075	75 672	72 682	66 844
	4 090	2 436	3 900	3 448	4 107
Flared / Waste	4 090	2 436	3 900	3 448	4 107
Metering Difference	0	0	0	0	0
	4 090	2 436	3 900	3 448	4 107

June	July	August	September	October	November	December	1993
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36 063.7	33 561.7	32 790.3	35 217.9	36 835.6	42 197.0	45 704.3	45 602.4
1 153.1	2 126.9	5 923.0	5 566.8	7 668.8	4 777.6	1 183.0	30 290.7
37 216.8	35 688.6	38 713.3	40 784.7	44 504.4	46 974.6	46 887.3	75 893.1
33 561.7	32 790.3	35 217.9	36 835.6	42 197.0	45 704.3	45 556.8	45 556.8
3 655.1	2 898.3	3 495.4	3 949.1	2 307.4	1 270.3	1 330.5	30 336.3

3 655.1	2 898.3	3 495.4	3 949.1	2 307.4	1 270.3	1 330.5	30 340.4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	(4.1)
3 655.1	2 898.3	3 495.4	3 949.1	2 307.4	1 270.3	1 330.5	30 336.3

66 844	69 309	68 753	65 611	64 211	68 675	65 484	69 858
6 658	4 359	1 406	2 780	8 910	485	649	40 214
73 502	73 668	70 159	68 391	73 121	69 160	66 133	110 072
69 309	68 753	65 611	64 211	68 675	65 484	62 467	62 467
4 193	4 915	4 548	4 180	4 446	3 676	3 666	47 605

4 193	4 915	4 548	4 180	4 446	3 676	3 666	47 605
0	0	0	0	0	0	0	0
4 193	4 915	4 548	4 180	4 446	3 676	3 666	47 605

Coke (tonnes)

	January	February	March	April	May
Suncor					
Opening Inventory	3 276 713	3 273 644	3 295 124	3 326 494	3 356 458
Production	62 080	85 926	95 375	76 413	31 339
	3 338 793	3 359 570	3 390 499	3 402 907	3 387 797
Closing Inventory	3 273 644	3 295 124	3 326 494	3 356 458	3 360 366
	65 149	64 446	64 005	46 449	27 431
Site Fuel / Use	65 149	64 446	64 004	46 449	27 431
Metering Difference	0	0	1	0	0
	65 149	64 446	64 005	46 449	27 431

Note: Large metering difference in December is due to survey adjustment.

Syncrude

Opening Inventory	12 563 020	12 691 423	12 759 140	12 838 020	12 949 970
Production	128 403	67 717	78 880	111 950	135 701
	12 691 423	12 759 140	12 838 020	12 949 970	13 085 671
Closing Inventory	12 691 423	12 759 140	12 838 020	12 949 970	13 085 671
	0	0	0	0	0

June	July	August	September	October	November	December	1993
3 360 366	3 398 325	3 438 721	3 488 339	3 524 840	3 559 184	3 585 446	3 276 713
98 368	93 470	102 553	99 714	98 205	89 894	94 170	1 027 507
3 458 734	3 491 795	3 541 274	3 588 053	3 623 045	3 649 078	3 679 616	4 304 220
3 398 325	3 438 721	3 488 339	3 524 840	3 559 184	3 585 446	3 563 445	3 563 445
60 409	53 074	52 935	63 213	63 861	63 632	116 171	740 775
60 409	53 074	52 934	63 213	63 861	63 633	68 857	693 460
0	0	1	0	0	(1)	47 314	47 315
60 409	53 074	52 935	63 213	63 861	63 632	116 171	740 775
13 085 671	13 217 109	13 349 582	13 485 066	13 616 623	13 751 637	13 879 529	12 563 020
131 438	132 473	135 484	131 557	135 014	127 892	136 648	1 453 157
13 217 109	13 349 582	13 485 066	13 616 623	13 751 637	13 879 529	14 016 177	14 016 177
13 217 109	13 349 582	13 485 066	13 616 623	13 751 637	13 879 529	14 016 177	14 016 177
0	0	0	0	0	0	0	0

Sulphur (tonnes)

	January	February	March	April	May
Suncor					
Opening Inventory	126 910	127 396	127 579	0	0
Production	7 722	12 060	13 539	11 188	3 568
	134 632	139 456	141 118	11 188	3 568
Closing Inventory	127 396	127 579	0	0	0
	7 236	11 877	141 118	11 188	3 568
Flared / Waste	1 002	333	523	466	222
Metering Difference	6 234	11 544	13 016	10 722	3 346
Deliveries	0	0	127 579	0	0
	7 236	11 877	141 118	11 188	3 568

Syncrude

Opening Inventory	10 863	10 289	10 446	10 715	10 520
Production	35 532	25 000	30 318	35 062	43 925
	46 395	35 289	40 764	45 777	54 445
Closing Inventory	10 289	10 446	10 715	10 520	10 419
	36 106	24 843	30 049	35 257	44 026
Deliveries	36 106	24 843	30 049	35 257	44 026
Metering Difference	0	0	0	0	0
	36 106	24 843	30 049	35 257	44 026

June	July	August	September	October	November	December	1993
0	0	0	0	0	0	0	126 910
13 398	12 129	14 530	14 304	12 611	11 517	10 817	137 383
13 398	12 129	14 530	14 304	12 611	11 517	10 817	264 293
0	0	0	0	0	0	0	0
13 398	12 129	14 530	14 304	12 611	11 517	10 817	264 293
485	451	550	429	370	464	465	5 760
12 913	11 678	13 980	13 875	12 241	11 053	10 352	130 954
0	0	0	0	0	0	0	127 579
13 398	12 129	14 530	14 304	12 611	11 517	10 817	264 293
10 419	11 020	11 148	10 454	1 268	2 958	3 347	10 863
41 804	43 894	40 715	37 663	43 566	40 023	44 581	462 083
52 223	54 914	51 863	48 117	44 834	42 981	47 928	472 946
11 020	11 148	10 454	1 268	2 958	3 347	10 790	10 790
41 203	43 766	41 409	46 849	41 876	39 634	37 138	462 156
41 203	43 766	41 409	37 738	41 876	39 634	37 138	453 045
0	0	0	9 111	0	0	0	9 111
41 203	43 766	41 409	46 849	41 876	39 634	37 138	462 156

Bitumen (cubic metres)

	January	February	March	April	May
Suncor					
Opening Inventory	23 888.3	47 178.0	25 401.8	41 060.2	28 247.5
Production	289 061.3	346 084.8	423 966.9	314 318.8	128 136.9
	312 949.6	393 262.8	449 368.7	355 379.0	156 384.4
Closing Inventory	47 178.0	25 401.8	41 060.2	28 247.5	22 217.9
	265 771.6	367 861.0	408 308.5	327 131.5	134 166.5
Further Processing	265 773.7	367 861.0	408 308.5	327 131.5	134 166.5
Metering Difference	(2.1)	0.0	0.0	0.0	0.0
	265 771.6	367 861.0	408 308.5	327 131.5	134 166.5

Syncrude

Opening Inventory	434 502	353 421	318 306	512 679	511 888
Production	978 611	610 230	973 221	1 003 757	1 174 649
From Other	22 549	563	1 460	1 981	1 268
	1 435 662	964 214	1 292 987	1 518 417	1 687 805
Closing Inventory	353 421	318 306	512 679	511 888	503 533
	1 082 241	645 908	780 308	1 006 529	1 184 272
Further Processing	1 082 242	645 908	780 309	1 006 529	1 184 272
Metering Difference	(1)	0	(1)	0	0
	1 082 241	645 908	780 308	1 006 529	1 184 272

Note: Bitumen production includes tertiary recovery from tailing ponds.

June	July	August	September	October	November	December	1993
22 217.9	33 723.2	25 558.8	23 173.7	33 172.4	42 827.5	42 623.6	23 888.3
432 632.8	391 990.2	436 655.6	436 884.0	430 083.8	384 644.1	383 163.7	4 397 622.9
454 850.7	425 713.4	462 214.4	460 057.7	463 256.2	427 471.6	425 787.3	4 421 511.2
33 723.2	25 558.8	23 173.7	33 172.4	42 827.5	42 623.6	22 631.4	22 631.4
421 127.5	400 154.6	439 040.7	426 885.3	420 428.7	384 848.0	403 155.9	4 398 879.8
421 127.5	400 154.6	439 040.7	426 885.3	420 428.7	384 848.0	403 155.9	4 398 881.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	(2 1)
421 127.5	400 154.6	439 040.7	426 885.3	420 428.7	384 848.0	403 155.9	4 398 879.8
503 533	417 331	326 331	421 315	436 525	434 652	410 859	434 502
1 071 589	1 072 900	1 286 232	1 146 450	1 166 954	1 047 870	1 136 997	12 669 460
1 323	2 232	5 505	6 310	7 182	7 123	7 246	64 742
1 576 445	1 492 463	1 618 068	1 574 075	1 610 661	1 489 645	1 555 102	13 168 704
417 331	326 331	421 315	436 525	434 652	410 859	386 842	386 842
1 159 114	1 166 132	1 196 753	1 137 550	1 176 009	1 078 786	1 168 260	12 781 862
1 159 113	1 166 131	1 196 753	1 137 551	1 176 008	1 078 786	1 168 259	12 781 861
1	1	0	(1)	1	0	1	1
1 159 114	1 166 132	1 196 753	1 137 550	1 176 009	1 078 786	1 168 260	12 781 862

Distillate (cubic meters)

	January	February	March	April	May
Suncor					
Opening Inventory	6 442.5	33 051.1	27 920.5	22 891.9	11 966.9
Production	245 719.7	334 628.7	357 767.4	280 946.4	103 145.9
	252 162.2	367 679.8	385 687.9	303 838.3	115 112.8
Closing Inventory	33 051.1	27 920.5	22 891.9	11 966.9	30 002.5
	219 111.1	339 759.3	362 796.0	291 871.4	85 110.3
Further Processing	217 613.7	339 886.4	362 783.7	291 884.9	85 365.3
Site Fuel / Use	1 209.8	0.0	0.0	0.0	0.0
Flared Waste	290.2	0.0	0.0	0.0	0.0
Metering Difference	(2.6)	(127.1)	12.3	(13.5)	(255.0)
Deliveries	0.0	0.0	0.0	0.0	0.0
	219 111.1	339 759.3	362 796.0	291 871.4	85 110.3

Syncrude

Opening Inventory	73 598	168 889	139 361	82 768	174 943
Production	893 038	548 250	656 977	840 694	983 587
	966 636	717 139	796 338	923 462	1 158 530
Closing Inventory	168 889	139 361	82 768	174 943	103 746
	797 747	577 778	713 570	748 519	1 054 784
Further Processing	793 438	563 619	696 379	740 068	1 044 844
Metering Difference	4 309	14 159	17 191	8 451	9 940
	797 747	577 778	713 570	748 519	1 054 784

June	July	August	September	October	November	December	1993
30 002.5	30 009.4	56 028.3	29 004.7	12 760.8	40 760.7	73 017.2	6 442.5
359 918.8	366 583.0	364 633.5	354 419.4	356 698.1	322 216.9	346 164.8	3 792 842.6
389 921.3	396 592.4	420 661.8	383 424.1	369 458.9	362 977.6	419 182.0	3 799 285.1
30 009.4	56 028.3	29 004.7	12 760.8	40 760.7	73 017.2	45 197.5	45 197.5
359 911.9	340 564.1	391 657.1	370 663.3	328 698.2	289 960.4	373 984.5	3 754 087.6
359 911.0	324 335.5	375 354.3	354 183.5	304 443.1	272 900.9	268 772.4	3 557 434.7
0.0	0.0	0.0	0.0	0.0	0.0	454.8	1 664.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	290.2
0.9	(6.0)	22.2	(17.3)	0.1	871.8	9.1	494.9
0.0	16 234.6	16 280.6	16 497.1	24 255.0	16 187.7	104 748.2	194 203.2
359 911.9	340 564.1	391 657.1	370 663.3	328 698.2	289 960.4	373 984.5	3 754 087.6
103 746	84 420	47 247	103 046	185 479	148 339	111 755	73 598
966 411	971 247	992 642	935 252	975 443	893 843	966 959	10 624 343
1 070 157	1 055 667	1 039 889	1 038 298	1 160 922	1 042 182	1 078 714	10 697 941
84 420	47 247	103 046	185 479	148 339	111 755	38 126	38 126
985 737	1 008 420	936 843	852 819	1 012 583	930 427	1 040 588	10 659 815
971 488	995 719	927 050	843 138	1 003 545	924 296	1 031 730	10 535 314
14 249	12 701	9 793	9 681	9 038	6 131	8 858	124 501
985 737	1 008 420	936 843	852 819	1 012 583	930 427	1 040 588	10 659 815

Historical
1967 - 1993

Oil Sands Mining and Processing

1967-1984

1985

1986

1987

Suncor

Mined (Tonnes)	509 755 238	30 030 918	39 410 278	32 748 835
(Grade)	11.46	12.02	12.30	11.87

Processed (Tonnes)	509 755 238	30 030 776	39 410 278	32 748 805
(Grade)	11.46	12.02	12.30	11.87

Syncrude

Mined (Tonnes)	415 111 648	96 050 486	97 343 534	103 843 559
(Grade)	11.05	10.83	10.71	10.57

Processed (Tonnes)	415 111 648	97 349 963	97 426 709	104 674 905
(Grade)	11.04	10.85	10.72	10.59

1988

1989

1990

1991

1992

1993

38 286 734

39 980 603

35 531 087

40 926 316

40 227 053

39 445 067

11.62

12.02

11.97

11.89

11.93

12.20

38 286 734

39 980 603

35 527 560

40 926 230

40 199 552

39 445 067

11.62

12.02

11.97

11.89

11.93

12.20

110 228 489

110 355 250

116 230 884

124 726 418

125 040 162

131 178 516

10.54

10.44

10.40

10.52

10.84

10.77

110 139 733

108 796 928

118 278 033

124 399 359

124 702 480

130 564 438

10.54

10.46

10.38

10.51

10.84

10.77

Synthetic Crude Oil (cubic metres)

1967-1984

1985

1986

1987

Suncor

Opening Inventory	0.0	77 828.4	87 886.4	80 692.9
Production	38 915 618.9	2 175 029.4	3 271 435.0	2 503 449.7
From Other	0.0	0.0	0.0	0.0
	38 915 618.9	2 252 857.8	3 359 321.4	2 584 142.6
Closing Inventory	77 828.4	87 886.4	80 692.9	44 125.9
	38 837 790.5	2 164 971.4	3 278 628.5	2 540 016.7

Site Fuel / Use	478 387.6	44 410.3	31 232.7	28 685.6
Flared / Waste	3 515.7	78.7	0.0	0.0
Alberta Fuel	0.0	0.0	0.0	0.0
Metering Difference	73 056.0	374.6	(211.9)	3 492.0
Deliveries	38 282 831.2	2 120 107.8	3 247 607.7	2 507 839.1
	38 837 790.5	2 164 971.4	3 278 628.5	2 540 016.7

Syncrude

Opening Inventory	0.0	21 029	16 035	18 975
Production	29 174 459.4	7 394 245	7 487 380	7 917 836
	29 174 459.4	7 415 274	7 503 415	7 936 811
Closing Inventory	21 029.0	16 035	18 975	16 735
	29 153 430.4	7 399 239	7 484 440	7 920 076

Site Fuel / Use	0.0	0	0	0
Flared / Waste	21 283.8	0	0	0
Metering Difference	(7 486.6)	12	(5)	3
Deliveries	29 139 633.2	7 399 227	7 484 445	7 920 073
	29 153 430.4	7 399 239	7 484 440	7 920 076

Note: Syncrude production does not include diesel production (SCO site fuel uses) till 1988.

1988

1989

1990

1991

1992

1993

44 125.9

84 125.5

79 374.9

125 002.3

69 263.6

75 030.2

2 971 639.0

3 343 614.5

3 043 906.1

3 551 866.6

3 369 410.0

3 326 011.6

0.0

0.0

115.4

42.9

0.0

0.0

3 015 764.9

3 427 740.0

3 123 396.4

3 676 911.8

3 438 673.6

3 401 041.8

84 125.5

79 374.9

125 002.3

69 263.6

75 030.2

74 194.0

2 931 639.4

3 348 365.1

2 998 394.1

3 607 648.2

3 363 643.4

3 326 847.8

40 439.3

41 717.6

46 796.9

57 970.9

53 172.6

47 791.8

0.0

0.0

0.0

0.0

1 235.2

0.0

0.0

0.0

0.0

0.0

217 591.6

256 987.8

(96.5)

2 625.3

1 164.7

766.0

2 185.8

3 209.2

2 891 296.6

3 304 022.2

2 950 432.5

3 548 911.3

3 089 458.2

3 018 859.0

2 931 639.4

3 348 365.1

2 998 394.1

3 607 648.2

3 363 643.4

3 326 847.8

16 735

25 125

24 205

20 278

45 770

15 956

8 718 705

8 630 797

9 083 517

9 674 946

10 445 017

10 735 857

8 735 440

8 655 922

9 107 722

9 695 224

10 490 787

10 751 813

25 125

24 205

20 278

45 770

15 956

16 623

8 710 315

8 631 717

9 087 444

9 649 454

10 474 831

10 735 190

34 564

48 964

70 727

70 833

75 718

85 147

0

0

0

0

0

0

(15)

2

9

(47)

52

(1)

8 675 766

8 582 751

9 016 708

9 578 668

10 399 061

10 650 044

8 710 315

8 631 717

9 087 444

9 649 454

10 474 831

10 735 190

Other Hydrocarbons (cubic metres)

1967-1984 1985 1986 1987

Suncor

Heavy Fuel Oil and Diluent Naphtha

Opening Inventory	0.0	2 104.4	1 964.9	1 946.8
Production	551 232.3	21 284.5	26 385.8	10 618.3
	551 232.3	23 388.9	28 350.7	12 565.1
Closing Inventory	2 104.4	1 964.9	1 946.8	1 648.9
	549 127.9	21 424.0	26 403.9	10 916.2
Site Fuel / Use	554 639.6	21 424.1	26 403.8	10 916.1
Flared / Waste	6 024.2	0.0	0.0	0.0
Metering Difference	(11 535.9)	(0.1)	0.1	0.1
	549 127.9	21 424.0	26 403.9	10 916.2

Syncrude

Diluent Naphtha

Opening Inventory	68 232.4	59 730	60 295	54 371
Production	1 258 442.8	83 870	68 591	71 022
	1 326 675.2	143 600	128 886	125 393
Closing Inventory	59 730.0	60 295	54 371	58 712
	(*) 1 266 945.2	83 305	74 515	66 681
Further Processing	598 896.7	0	0	0
Site Fuel / Use	19 234.0	0	0	0
Flared / Waste	628 562.0	81 508	73 075	66 561
Metering Difference	(0.5)	1 797	1 440	120
Deliveries	21 480.0	0	0	0
	(*) 1 268 172.2	83 305	74 515	66 681

Note: (*) Totals differ due to the change in method of reporting.

1988

1989

1990

1991

1992

1993

1 648.9	1 990.0	45 323.0	46 644.8	47 568.8	45 602.4
9 586.8	51 409.2	25 214.4	49 612.6	45 345.3	30 290.7
11 235.7	53 399.2	70 537.4	96 257.4	92 914.1	75 893.1
1 990.0	45 323.0	46 644.8	47 568.8	45 602.4	45 556.8
9 245.7	(*) 8 076.2	23 892.6	48 688.6	47 311.7	30 336.3

13 049.8	0.0	0.0	0.0	0.0	0.0
0.0	54 209.5	23 892.7	48 688.7	47 311.6	30 340.4
(3 804.1)	0.0	(0.1)	(0.1)	0.1	(4.1)
9 245.7	(*) 54 209.5	23 892.6	48 688.6	47 311.7	30 336.3

58 712	66 761	57 483	65 184	69 251	69 858
70 089	53 820	69 839	86 075	63 166	40 214
128 801	120 581	127 322	151 259	132 417	110 072
66 761	57 483	65 184	69 251	69 858	62 467
62 040	63 098	62 138	82 008	62 559	47 605

0	0	0	0	0	0
0	0	0	0	0	0
61 645	63 099	62 138	82 009	62 558	47 605
395	(1)	0	(1)	1	0
0	0	0	0	0	0
62 040	63 098	62 138	82 008	62 559	47 605

Coke (tonnes)

1967-1984

1985

1986

1987

Suncor

Opening Inventory	0	1 617 353	1 769 340	2 091 957
Production	11 794 511	749 995	995 682	806 824
	11 794 511	2 367 348	2 765 022	2 898 781
Closing Inventory	1 617 353	1 769 340	2 091 957	2 261 336
	10 177 158	598 008	673 065	637 445
Site Fuel / Use	10 828 090	642 828	636 730	631 893
Flared / Waste	53 175	0	0	0
Metering Difference	(933 984)	(48 666)	30 585	(2)
Deliveries	229 877	3 846	5 750	5 554
	10 177 158	598 008	673 065	637 445

Note: 1992 closing and 1993 opening inventory differ due to adjustment by survey department.

Syncrude

Opening Inventory	2 572	3 758 975	4 649 177	5 559 115
Production	3 758 234	890 202	909 938	945 041
	3 760 806	4 649 177	5 559 115	6 504 156
Closing Inventory	3 758 975	4 649 177	5 559 115	6 504 156
	1 831	0	0	0
Site Fuel / Use	4 780	0	0	0
Metering Difference	(3 010)	0	0	0
Deliveries	61	0	0	0
	1 831	0	0	0

1988	1989	1990	1991	1992	1993
2 261 336	2 497 965	2 818 449	3 051 900	3 383 324	3 276 713
930 479	1 028 237	903 154	1 018 677	995 631	1 027 507
3 191 815	3 526 202	3 721 603	4 070 577	4 378 955	4 304 220
2 497 965	2 818 449	3 051 900	3 383 324	3 286 630	3 563 445
693 850	707 753	669 703	687 253	1 092 325	740 775
705 381	698 849	654 335	687 253	716 876	693 460
0	0	0	0	0	0
(18 412)	8 904	15 368	0	375 449	47 315
6 881	0	0	0	0	0
693 850	707 753	669 703	687 253	1 092 325	740 775
6 504 156	7 529 243	8 433 003	9 738 202	11 107 805	12 563 020
1 025 087	903 760	1 305 199	1 369 603	1 455 215	1 453 157
7 529 243	8 433 003	9 738 202	11 107 805	12 563 020	14 016 177
7 529 243	8 433 003	9 738 202	11 107 805	12 563 020	14 016 177
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

Sulphur (tonnes)

1967-1984 1985 1986 1987

Suncor

Opening Inventory	0	341 224	244 725	184 528
Production	1 373 736	87 977	123 483	99 228
	1 373 736	429 201	368 208	283 756
Closing Inventory	341 224	244 725	184 528	185 794
	1 032 512	184 476	183 680	97 962

Site Fuel / Use	1 355	0	0	0
Flared / Waste	216 836	11 507	9 998	6 164
Metering Difference	(147 534)	6 094	(112)	0
Deliveries	961 855	166 875	173 794	90 679
To Syncrude	0	0	0	1 119
	1 032 512	184 476	183 680	97 962

Syncrude

Opening Inventory	0	91 718	58 823	39 409
Production	1 149 429	304 017	310 702	326 783
From Suncor	0	0	0	1 119
	1 149 429	395 735	369 525	367 311
Closing Inventory	91 718	58 823	39 409	1 796
	1 057 711	336 912	330 116	365 515

Flared / Waste	(411)	0	0	12
Metering Difference	(12 965)	1	1	30 465
Deliveries	1 071 087	336 911	330 115	335 038
	1 057 711	336 912	330 116	365 515

1988	1989	1990	1991	1992	1993
185 794	159 200	145 177	126 260	126 143	126 910
116 440	130 545	118 556	142 255	131 142	137 383
302 234	289 745	263 733	268 515	257 285	264 293
159 200	145 177	126 260	126 143	126 910	0
143 034	144 568	137 473	142 372	130 375	264 293
0	0	0	0	0	0
8 647	9 021	5 770	5 480	5 150	5 760
24 348	(19 096)	(1 461)	0	(1)	130 954
110 039	154 643	133 164	136 892	125 226	127 579
0	0	0	0	0	0
143 034	144 568	137 473	142 372	130 375	264 293
1 796	1 545	1 410	9 276	9 713	10 863
368 401	360 300	382 564	407 751	448 035	462 083
0	0	0	0	0	0
370 197	361 845	383 974	417 027	457 748	472 946
1 545	1 410	9 276	9 713	10 863	10 790
368 652	360 435	374 698	407 314	446 885	462 156
0	0	0	0	0	0
13	0	0	0	0	9 111
368 639	360 435	374 698	407 314	446 885	453 045
368 652	360 435	374 698	407 314	446 885	462 156

Bitumen (cubic metres)

	1967-1984	1985	1986	1987
Suncor				
Opening Inventory	0.0	15 693.0	22 631.3	49 245.6
Production	55 215 392.3	3 140 905.2	4 158 787.7	3 394 991.3
From Syncrude	69 290.0	76 572.6	64 689.0	47 258.0
From Other	0.0	0.0	0.0	0.0
	55 284 682.3	3 233 170.8	4 246 108.0	3 491 494.9
Closing Inventory	15 693.0	22 631.3	49 245.6	44 237.0
	55 268 989.3	3 210 539.5	4 196 862.4	3 447 257.9
Further Processing	55 235 069.2	3 210 539.5	4 196 841.9	3 451 933.6
Flared / Waste	0.0	0.0	0.0	0.0
Metering Difference	29 834.3	0.0	0.0	(4 675.7)
Deliveries	4 085.8	0.0	20.5	0.0
	55 268 989.3	3 210 539.5	4 196 862.4	3 447 257.9

Syncrude

Opening Inventory	0.0	426 520	447 531	341 747
Production	38 322 363.3	9 289 128	9 328 971	10 014 284
From Other	0.0	0	0	0
	38 322 363.3	9 715 648	9 776 502	10 356 031
Closing Inventory	426 520.0	447 531	341 747	513 509
	(*) 38 748 883.3	9 268 117	9 434 755	9 842 522
Further Processing	37 864 619.5	9 187 890	9 370 066	9 795 262
Site Fuel / Use	2 508.7	0	0	0
Flared / Waste	19 595.0	0	0	0
Metering Difference	(36 607.9)	1 498	0	2
To Suncor	69 290.0	76 579	64 689	47 258
To Other	0.0	2 150	0	0
	(*) 37 919 405.3	9 268 117	9 434 755	9 842 522

Note:(*) Totals differ due to the change in method of reporting.

1988	1989	1990	1991	1992	1993
44 237.0	32 386.7	21 578.9	25 029.1	46 118.4	23 888.3
3 903 379.8	4 389 179.0	3 852 749.4	4 377 049.2	4 239 816.7	4 397 622.9
76 523.2	0.0	10 126.1	0.0	0.0	0.0
0.0	0.0	5 461.1	4 808.1	0.0	0.0
4 024 140.0	4 421 565.7	3 889 915.5	4 406 886.4	4 285 935.1	4 421 511.2
32 386.7	21 578.9	25 029.1	46 118.4	23 888.3	22 631.4
3 991 753.3	4 399 986.8	3 864 886.4	4 360 768.0	4 262 046.8	4 398 879.8
3 984 533.2	4 399 986.8	3 864 885.7	4 360 767.8	4 262 046.9	4 398 881.9
7 219.8	0.0	0.0	0.0	0.0	0.0
0.3	0.0	0.7	0.2	(0.1)	(2.1)
0.0	0.0	0.0	0.0	0.0	0.0
3 991 753.3	4 399 986.8	3 864 886.4	4 360 768.0	4 262 046.8	4 398 879.8
513 509	233 159	230 152	240 935	455 245	434 502
10 559 758	10 318 810	11 042 713	11 766 717	12 266 315	12 669 460
0	0	0	44 493	180 735	64 742
11 073 267	10 551 969	11 272 865	12 052 145	12 902 295	13 168 704
233 159	230 152	240 935	455 245	434 502	386 842
10 840 108	10 321 817	11 031 930	11 596 900	12 467 793	12 781 862
10 763 860	10 316 740	11 021 804	11 592 873	12 467 799	12 781 861
0	0	0	0	0	0
0	0	0	1	0	0
(392)	3 974	0	4 026	(6)	1
76 640	0	10 126	0	0	0
0	1 103	0	0	0	0
10 840 108	10 321 817	11 031 930	11 596 900	12 467 793	12 781 862

Distillate (cubic metres)

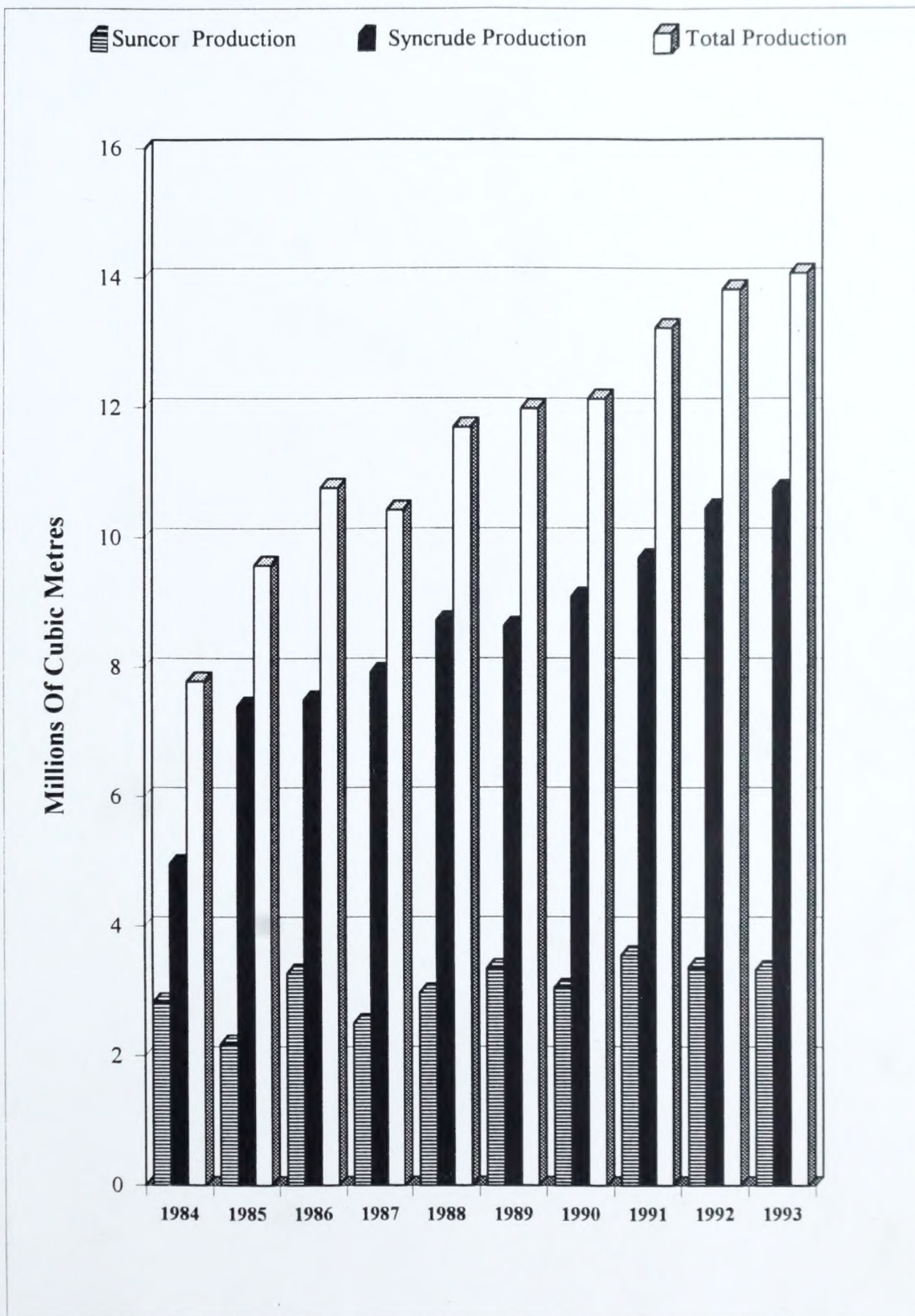
	1967-1984	1985	1986	1987
Suncor				
Opening Inventory	33 143.9	3 717.4	6 308.6	3 042.3
Production	42 521 127.2	2 624 167.8	3 446 396.8	2 805 057.1
From Other	4 340.4	0.0	0.0	0.0
	42 558 611.5	2 627 885.2	3 452 705.4	2 808 099.4
Closing Inventory	3 717.4	6 308.6	3 042.3	61 134.1
	42 554 894.1	2 621 576.6	3 449 663.1	2 746 965.3
Further Processing	40 460 158.8	2 378 346.3	3 440 949.1	2 650 786.2
Site Fuel / Use	110 551.0	6 457.1	6 259.1	2 655.7
Flared / Waste	123 408.0	13 226.5	994.9	2 635.4
Metering Difference	27 909.8	2 971.6	444.3	3 433.8
Deliveries	1 832 866.5	220 575.1	1 015.7	87 454.2
	42 554 894.1	2 621 576.6	3 449 663.1	2 746 965.3

Syncrude

Opening Inventory	120 310.8	56 503	42 751	75 219
Production	30 425 170.8	7 348 876	7 439 630	7 802 133
	30 545 481.6	7 405 379	7 482 381	7 877 352
Closing Inventory	56 503.0	42 751	75 219	49 632
	(*) 30 601 984.6	7 362 628	7 407 162	7 827 720
Further Processing	30 458 264.1	7 347 556	7 400 106	7 821 229
Site Fuel / Use	(5 352.0)	0	0	0
Flared / Waste	14 491.0	11 046	1 090	0
Diluent				
Carryover/Rerun	(238 720.7)	4 026	4 650	0
Metering Difference	(2.6)	0	1 316	6 491
Deliveries	0.0	0	0	0
	(*) 30 228 679.8	7 362 628	7 407 162	7 827 720

Note: (*) Totals do not balance due to the change in method of reporting.

1988	1989	1990	1991	1992	1993
61 134.1	4 386.4	5 311.7	13 688.7	6 044.0	6 442.5
3 111 532.0	3 616 598.9	3 273 964.2	3 767 644.4	3 604 435.5	3 792 842.6
0.0	0.0	0.0	0.0	0.0	0.0
3 172 666.1	3 620 985.3	3 279 275.9	3 781 333.1	3 610 479.5	3 799 285.1
4 386.4	5 311.7	13 688.7	6 044.0	6 442.5	45 197.5
3 168 279.7	3 615 673.6	3 265 587.2	3 775 289.1	3 604 037.0	3 754 087.6
3 119 922.2	3 573 098.7	3 225 995.0	3 748 262.2	3 504 545.7	3 557 434.7
10 915.7	13 479.0	10 624.2	1 989.1	4 511.7	1 664.6
7 964.4	9 505.2	39.7	492.2	0.0	290.2
2 240.7	2 325.0	(731.1)	1 077.1	2 848.4	494.9
27 236.7	17 265.7	29 659.4	23 468.5	92 131.2	194 203.2
3 168 279.7	3 615 673.6	3 265 587.2	3 775 289.1	3 604 037.0	3 754 087.6
49 632	121 244	132 129	156 143	97 276	73 598
8 708 573	8 583 000	9 132 203	9 597 720	10 376 696	10 624 343
8 758 205	8 704 244	9 264 332	9 753 863	10 473 972	10 697 941
121 244	132 129	156 143	97 276	73 598	38 126
8 636 961	8 572 115	9 108 189	9 656 587	10 400 374	10 659 815
8 607 031	8 439 261	8 939 686	9 495 693	10 478 036	10 535 314
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
29 930	132 854	117 533	160 894	(77 662)	124 501
0	0	50 970	0	0	0
8 636 961	8 572 115	9 108 189	9 656 587	10 400 374	10 659 815



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